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ABSTRACT

This book addresses different types of thinking, including critical, creative, and analytical, and presents a variety of problem-solving strategies, along with specific ways they can be taught to students. The main emphases of the book are thinking and mathematics, problem solving, and the application of computational skills. The problem-solving model and guided thinking activities, in the form of case studies, can be used to supplement most mathematics programs. Chapters include: "Getting Ready for Problem Solving," "Getting Started by Investigating the Problem," "Understanding Problem Solving Strategies," "Applying the Strategies: Problem Solving Activities," and "Moving On with Problem Solving: Guided Thinking Activities." A list of recommended children's books, problem-solving books, and professional books is included. (MKR)

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